

SEISDON
RURAL DISTRICT COUNCIL.

REPORT
OF THE
Medical Officer of Health
For the Year 1909.

WOLVERHAMPTON
BARFORD & NEWITT, PRINTERS, 27, QUEEN STREET.—71,712.



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PENN FIELDS,

WOLVERHAMPTON,

February 18th, 1910.

GENTLEMEN,

I beg to present to you my Annual Health Report for the Rural District of Seisdon, for the year 1909.

The Population, estimated at Mid-summer, 1909, is 14,861, being an increase of 253, viz.:—

Wombourn	...	..	...	...	152
Tettenhall	...	...	...	...	72
Kinver	...	...	...	...	29
					253

The Births numbered 317, being only ten more than the lowest recorded in the last ten years, and far the lowest birth rate recorded, viz., 21·3, the previous lowest being 22·5 in 1899.

The corrected number of deaths was 212, giving a rate of 13·2, practically the average for the last ten years.

In the month of August there was not a single death in the Wombourn Sub-district, with a population of 6,700 odd. The Summer being a cool one, there was not the usual amount of Summer Diarrhœa and Enteritis, due to rapid fermentation and decomposition of food. Consequently there was only one death from Diarrhœa and four from Enteritis in the year.

The deaths under one year number 36, the highest but one in the last ten years, giving a rate of 113·5 per 1,000 births. But this is accounted for a good deal by the excessive number of premature births and Meningitis, of which latter there were six cases instead of none last year.

emptying the middens, and that more regular attendance to this matter will be enforced. We have yet to see the fruits of this circular.

As regards the Kinver Sewerage, though much time and thought have been bestowed, many opinions taken and meetings held to consider that matter, no definite scheme, I believe, has yet been decided upon.

The topical difficulties and the proportionately large expenses likely to be incurred, are matters for serious consideration.

The removal of night-soil in Upper Penn might still be done more promptly and efficiently.

HOUSES ERECTED.

Thirty-seven houses have been erected. Twenty-five of these were in Penn Parish, an increase of seven on last year.

WATER SUPPLY.

The Wolverhampton Corporation water has been laid on to 54 houses in Codsall, Bilbrook and Kingswood.

The new Kinver Water Supply has already been laid on to 224 houses, which is exceedingly satisfactory so soon after the supply. Out of 40 samples of water analysed, only two were found to be free from pollution, which emphasizes still more the urgency of the case.

COWSHEDS, DAIRIES AND MILKSHOPS.

The Cowsheds, Dairies and Milkshops are kept more cleanly than formerly, though there are still large accumulations of manure near some of the Cowsheds.

FACTORIES AND WORKSHOPS.

The Factories and Workshops, which are all on a small scale, are in a satisfactory condition and have a satisfactory amount of sanitary accommodation.

GENERAL.

I have again inspected the District in all quarters and consider the sanitary condition improving considerably, from year to year.

For further sanitary details I refer you to the Appended Sanitary Inspector's Report, which shows a very large amount of work done.

I remain,

Your obedient servant,

H. R. SPACKMAN, F.R.I.P.H.

TABLE 1.

YEAR.	Population estimated to Middle of each year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Institutions in the District.	Deaths of Residents registered in Public Institutions beyond the District.	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate *	Under 1 year of Age.		At all Ages.				Number.	Rate*
				Number.	Rate per 1,000 Births registered.	Number.	Rate *				
1899	13698	309	22.5	36	116.5	205	14.9	11	..	..	.
1900	13773	329	23.1	32	97.2	215	15.6	15	..	..	..
1901	12713	323	25.4	34	105.2	166	13.1	6	..	..	..
1902	12894	326	25.2	29	88.9	157	12.1	6	..	..	..
1903	13111	327	24.9	39	110.0	185	14.1	14	..	..	..
1904	13441	322	24.1	40	121.0	188	14.0	12	6	194	14.5
1905	13578	346	26.1	24	77.2	165	12.2	9	11	176	12.5
1906	13933	351	25.1	35	99.7	173	12.6	16	9	182	13.0
1907	14263	307	22.9	17	55.3	172	13.4	13	12	184	13.7
1908	14608	355	24.3	28	78.8	187	12.8	12	6	193	13.2
Averages for years 1899 1908	13601	324	24.0	31	94.9	181	13.5	11	9	185	13.1
1909	14861	317	21.3	36	113.5	195	13.1	6	17	212	13.2

* Rates calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water), 43,533. Total population at all ages, 12,897. { At Census of 1901.
 Number of inhabited houses, 2,939. Average number of persons per house, 4.6.

Institutions within the District receiving sick and infirm persons | Institutions outside the District receiving sick and infirm persons
 from outside the District :—The Workhouse, Trysull ; and | from the District :—General Hospital, Women's Hospital, and
 the Bratch Infectious Hospital, Wombourn. | Elye Infirmary, Wolverhampton ; Guest Hospital, Dudley, and
 Corbett Hospital, Stourbridge.

TABLE II.

RURAL DISTRICT OF SEISDON.

Names of Localities.	WOMBOURN.				TETTENHALL.				KINVER.			
	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1899	6380	147	89	20	3610	87	52	16	3708	75	64	10
1900	6420	146	112	13	3640	92	42	9	3713	91	61	10
1901	6202	171	78	20	3353	82	44	11	3158	70	44	10
1902	6228	149	62	11	3446	92	45	9	3220	85	50	9
1903	6314	171	85	15	3568	85	41	11	3229	71	59	11
1904	6422	158	88	21	3635	97	62	12	3284	67	44	7
1905	6600	176	86	12	3700	84	55	11	3328	86	46	1
1906	6824	188	79	23	3808	88	51	10	3301	75	41	2
1907	6950	144	90	7	3879	92	46	4	3434	71	48	7
1908	7141	197	104	14	3969	82	40	8	3498	76	43	6
Averages of Years 1899 to 1908.	6748	164	87	15	3660	88	47	10	3387	76	50	7
1909	7293	164	104	19	4041	83	50	7	3527	70	58	10

TABLE III.

Cases of Infectious Disease notified during the year 1909.

Notifiable Disease.	Cases Notified in whole District.							Total Cases Notified in each Locality			No. of Cases Removed to Hospital from each Locality.			Total Cases Removed to Hospital.
	At all Ages.	At Ages—Years.												
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	Above 65.	Wombourn.	Tettenhall.	Kinver.	Wombourn.	Tettenhall.	Kinver.	
Diphtheria .. (Including Membranous Croup).	10	..	2	4	3	1	..	7	2	1	1	..	..	1 To G. H., W'ha'pton
Erysipelas ..	12	..	..	2	2	6	2	8	2	2	..	..	..	..
Scarlet Fever ..	53	..	6	44	2	1	..	22	3	28	14	3	24	41
Enteric Fever ..	1	..	..	1	..	..	..	1	..	..	..	..	..	..
Puerperal fever	1	..	..	..	..	1	..	1	..	..	..	..	..	..
Totals ..	77	..	8	51	7	9	2	39	7	31	15	3	24	42

Isolation Hospital, Bratch, Wombourn.

Total available Beds, 30.

Number of Diseases that can be concurrently treated, 2.

TABLE IV.

I give here Comparative Table of Causes of Death, and Ages at which death occurred, during the year 1909.

Causes of Death.	Deaths in whole district at subjoined ages.							Deaths in Localities (at all ages).			Deaths in Public Institutions in the District.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Wombourn.	Tettenhall.	Kinver.	
Whooping Cough	4	1	3	..	..	..	..	1	3	..	..
Diphtheria (including Mem- braneous Group	..	..	..	..	..	..	..	..	..	..	..
Croup	1	..	..	1	..	..	..	..	..	1	..
Epidemic Influenza'	5	1	1	..	..	..	3	..	..	5	..
Diarrhoea	1	..	..	..	..	..	1	..	..	1	..
Enteritis	4	2	..	..	..	..	2	3	..	1	..
Phthisis (Pulmonary Tuber- culosis	8	..	..	..	1	6	1	3	2	3	..
Other Tuberculosis diseases ..	3	..	..	1	2	..	..	1	2	..	..
Cancer, malignant disease ..	16	..	..	..	1	12	3	7	3	6	..
Bronchitis	25	5	4	..	..	3	13	15	..	10	1
Pneumonia	17	..	2	..	2	10	3	12	3	2	..
Pleurisy	..	..	..	..	..	..	..	..	..	..	..
Alcoholism	4	..	..	..	..	4	..	1	3	..	..
Cirrhosis of Liver	..	..	..	..	..	..	..	..	..	..	..
Premature Birth	8	8	..	..	..	..	..	2	2	4	1
Diseases and Accidents of Parturition	1	..	..	..	..	1	..	1	..	..	..
Heart diseases	16	1	..	..	2	6	7	7	2	7	..
Accidents	3	..	..	..	1	2	..	2	1	..	..
Suicides	2	..	..	..	1	1	..	..	1	1	..
All other Causes	94	18	3	5	3	27	38	49	28	17	4
All Causes	212	36	13	7	13	72	71	104	50	58	6

TABLE V.—Infantile Mortality during the year 1909.
Deaths from stated Causes in Weeks and Months under One Year of Age.

Cause of Death.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes.	{ Certified	10	1	3	2	16	..	2	4	1	1	1	2	1	1	1	30
	{ Uncertified	1	..	2	1	4	1	..	..	..	1	..	..	..	..	..	6
Enteritis, Muco-enteritis, Gastro-enteritis		..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	2
Premature Birth		3	1	2	2	8	..	..	..	..	..	..	..	..	..	..	8
Congenital Defects		2	..	..	..	2	..	..	..	..	..	..	..	..	..	..	2
Atrophy, Debility, Marasmus		3	..	..	..	3	..	..	..	..	..	..	..	..	..	..	3
Meningitis (Not Tuberculous)		..	..	..	..	..	..	..	1	..	..	1	2	1	..	1	6
Convulsions		3	..	1	1	5	1	..	2	..	..	..	..	..	1	..	9
Bronchitis		..	..	1	..	1	..	1	1	..	1	..	..	..	..	..	4
Other Causes		..	..	1	..	1	..	..	..	..	1	..	..	..	..	..	2
		11	1	5	3	20	1	2	4	1	2	1	2	1	1	1	36

Population (estimated to middle of 1909), 14,861.	
Births in the Year { Legitimate .. 305.	Deaths in the Year { Legitimate .. 35.
{ Illegitimate .. 12.	{ Illegitimate .. 1.
Deaths from all Causes at all Ages, 212.	

SUMMARY OF NUISANCES ABATED DURING THE YEAR, 1909.

Number of Houses Inspected	...	...	...	561
Number of Notices on Books, 31st December, 1908				1
Number of Notices Served (including Kinver Water Notices ...	...	...	...	621
Complied with	...	...	...	612
Leaving on the Books, 31st December, 1909	...			10
Letters written relative to Nuisances	...	...		272
Bakehouses Inspected	...	...	...	11
Slaughter-houses Inspected	...	...	...	13
Cow Sheds and Milk Shops Inspected	...	...		80
Canal Boats Inspected	...	...	...	82
Notices to Overseers <i>re</i> Buildings	...	...		42

Houses Closed unfit for Habitation	...	...		1
„ repaired	...	...	...	11
Limewashed	...	...	...	12
Through Ventilation provided	...	...	...	3
Disinfected	...	...	...	56
Overcrowding	...	...	...	1
Yards paved	...	...	...	3
Water Closets Repaired and Ventilated	...	...		9
Filthy Houses Cleansed	...	...	...	2
Wash-houses Repaired	...	...	...	1
Privies Removed and Reconstructed	...	...		11
Emptied and Cleansed	...	...	...	100
Ashpits Repaired	...	...	...	16
Privies Repaired	...	...	...	2
Doors and Spouting provided	...	...	...	7
Pan System Adopted	...	...	...	43
Privies Limewashed	...	...	...	16
Flushing Closets provided	...	...	...	3
Carried forward	...			297

	Brought forward	...	297
Urinals provided	...	...	1
Waste Water Closets provided	...	...	16
Drains laid to Houses	...	...	22
Repaired	...	...	26
Trapped	...	...	13
Cesspits Constructed	...	...	12
Cesspools Emptied	...	...	3
Foul Cesspits filled up	...	...	1
Cellars Drained	...	...	3
Foul Ditches Cleansed	...	...	1
Vent Pipes fixed	...	...	22
Interceptor Traps fixed	...	...	23
Pigsties removed	...	...	15
Catchpits built to Piggeries	...	...	1
Manure and other Filth removed	...	...	14
Cowsheds Limewashed	...	...	1
Middens built	...	...	1
Water Supply—Pumps Repaired	...	...	1
Tap Water laid on to Houses	...	...	278
Wells Cleansed	...	...	3
Wells Covered, Repaired, Paved and Channelled			4
Soft Water Cisterns Cleansed	...	...	8
Water Analysed—Wholesome	...	...	4
„ Polluted	...	...	38
Other Nuisances	...	...	1
Persons Summoned before the Magistrates	...		1
	Total	...	<u>810</u>

FACTORY AND WORKSHOPS' ACT.

Number of Factories Inspected	...	...	10
„ Workshops „ viz.:—	...		44
	Bakers, 11; Brewers, 1; Bootmakers, 3;		
	Dressmakers, 4; Joiners, 3; Quarry, 1;		
	Smiths, 11; Saddlers, 2; Wheelwrights, 6;		
	Locksmiths, 2.		
„ Homeworkers' Premises Inspected	...		7
„ Notices served	...	...	1
„ „ complied with	...	...	1

PETROLEUM ACTS.

Registered Stores Inspected—PETROL	...	...	3
„ „ „ CARBIDE OF CALCIUM			11

KINVER WATER SUPPLY.

1st Notices under Public Health (Water) Act, 1878			218
2nd „ „ „ „			155
Notices to close polluted wells	...	...	38
		Total	411
Samples of water analysed...	...	...	40
„ „ certified polluted	...	...	38
Kinver Water laid on to houses	...	...	224

SUMMARY

Of Buildings, &c., erected during the year 1909.

PARISHES.	New Houses.	Additions and Alterations.	New Stabling.	New Cow-houses.	Water Closets.	Urinals.
CODSALL	5	8	..	..	..	..
ENVILLE	1	1	..	..	..	..
KINVER	4	..	..	..	..	..
UPPER PENN	26	4	..	1	2	1
LOWER "	..	..	..	1	..	..
TRYSULL	..	..	1	..	..	..
WOMBOURN	1	1	..	..	..	..
WROTTESELEY	..	2	..	..	..	..
TOTALS	37	16	1	2	2	1

Plans approved during 1909, but Houses not erected :—Upper Penn, 5, Wombourn, 1. Total, 6.